



CONSTRUCTION EQUIPMENT

VOLVO A40G 352778 - DROP BOX



Sample No: VCP441178
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP441178	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	4770	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	44.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	43	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	4	---	---	---



WEAR METALS

Iron	ppm	1003	---	---	---
Copper	ppm	22	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	8	---	---	---
Molybdenum	ppm	9	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	19	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	68	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	108	---	---	---
Phosphorus	ppm	2039	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	71	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. No evidence of fuel present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0090
Unique No: 10900255
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

